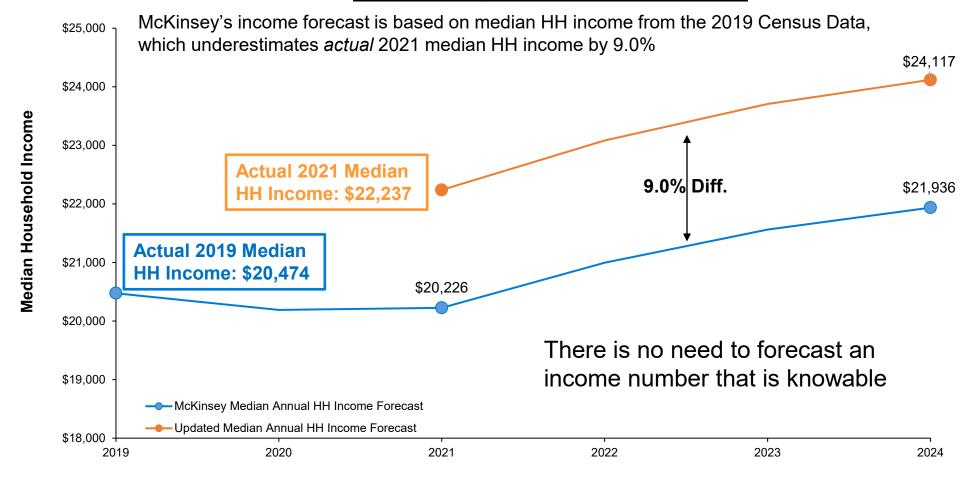
## **EXHIBIT E**

PRELIMINARY DRAFT 12/12/2022 Case:17-03283-LTS Doc#:23481-5 Filed:02/03/23 Entered:02/03/23 17:03:03 Desc: Exhibit Page 2 of 12

# **Analysis Group Presentation on Share of Wallet Analysis**

### Error 1: McKinsey's "Median Monthly Household Income" Forecast Does Not Incorporate the Most Recent Data

### **Median Monthly Household Income Forecast**



#### Sources:

<sup>[1]</sup> McKinsey Backup File "4.17.9.16 20221206 SOW Risk Mediation.xlsx" received December 6, 2022.

<sup>[2] 2021</sup> PRCS, available at https://data.census.gov/table?q=Insurance,+Utilities,+and+Other+Fees&g=0400000US72&tid=ACSST1Y2021.S2503

#### PRELIMINARY DRAFT 12/12/2022

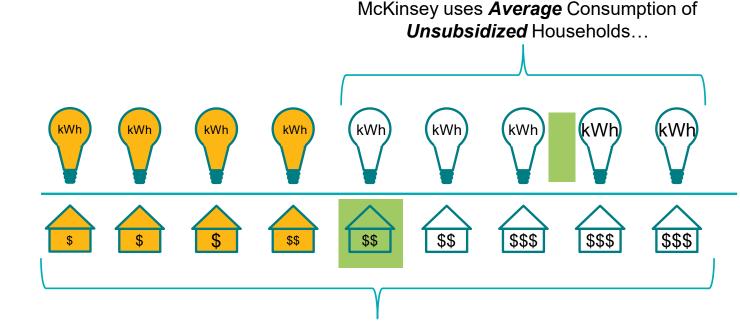
kWh: Household Electricity Consumption

Illustration of Value used by McKinsey

Household Income Subsidized Households

# McKinsey's SOW Calculation income Consumption and Median Household Income

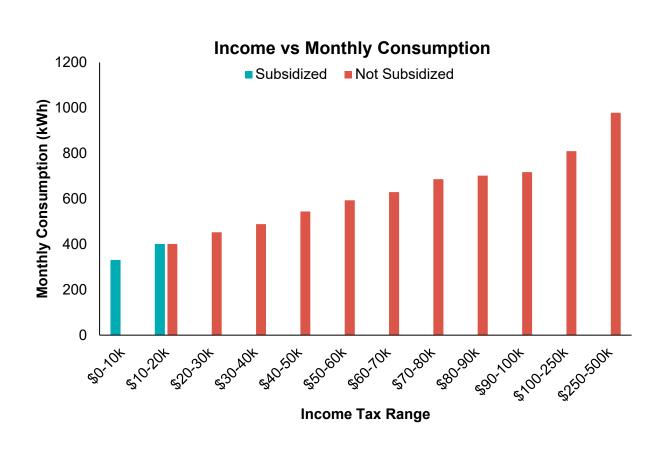
Electricity SOW = Monthly Electricity Bill divided by Monthly Income



...and divides by the *Median* Household Income of *All Households* 

- It is incorrect to mix averages and medians when calculating SOW
  - Average consumption is inflated by the higher electricity consumption of households earning more than the median level of income
  - A household earning a median income consumes less electricity than households in higher income cohorts

### Case:17-03283-LTS Doc#:23481-5 Filed:02/03/23 Entered:02/03/23 17:03:03 Desc: McKinsey's Analysis of Consumption by Cohort Hustrates that Monthly Consumption **Increases with Income**



	_	ne Tax nge	PRCS Load		
Category	Lo	Hi	Monthly		
Subsidized	0	10,000	331		
Subsidized	10,001	20,000	401		
Not Subsidized	10,001	20,000	401		
Not Subsidized	20,001	30,000	453		
Not Subsidized	30,001	40,000	489		
Not Subsidized	40,001	50,000	544		
Not Subsidized	50,001	60,000	594		
Not Subsidized	60,001	70,000	629		
Not Subsidized	70,001	80,000	686		
Not Subsidized	80,001	90,000	702		
Not Subsidized	90,001	100,000	717		
Not Subsidized	100,001	250,000	810		
Not Subsidized	250,001	500,000	978		

<sup>[1]</sup> McKinsey's "PRCS Load" is defined by "Average consumption is per PRCS data."

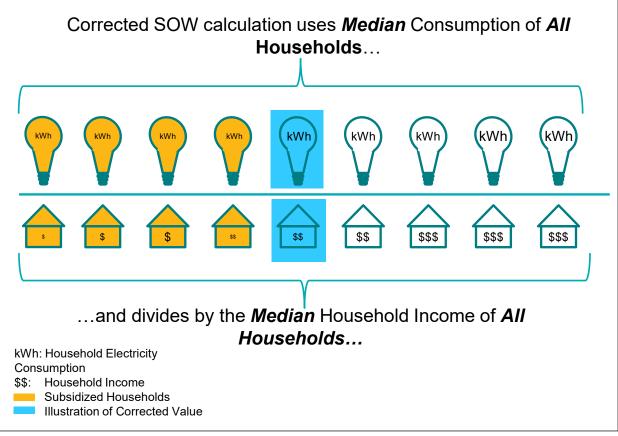
<sup>[1] &</sup>quot;Residential Customer Analysis.xlsx."

### **Correction of McKinsey Error 2**

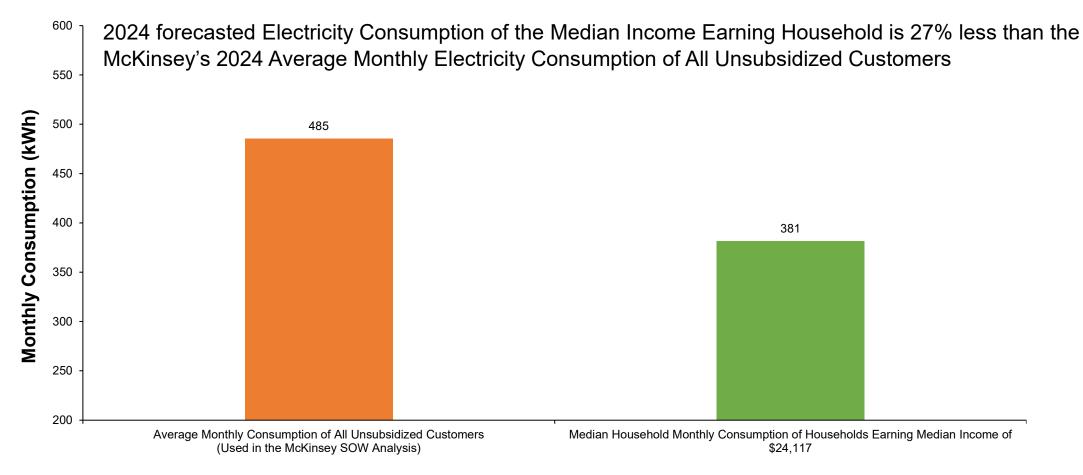
### **McKinsey SOW Methodology**

### McKinsey uses the *Average* Consumption of *Unsubsidized* Households... \$\$ \$\$\$ \$\$\$ ...and divides by the *Median* Household Income of *All* Households... kWh: Household Electricity Consumption \$\$: Household Income Subsidized Households Illustration of Value used by McKinsey

### **Correction for Error 2**



## PRELIMINARY DRAFT 12/12/2022 Case:17-03283-LTS Doc#:23481-5 Filed:02/03/23 Entered:02/03/23 17:03:03 Desc: Error 2: McKinsey's SOW Calculation Incorrectly Uses an "Average Monthly Bill," Which Overstates Electricity Consumption of the Median Income Earning Household



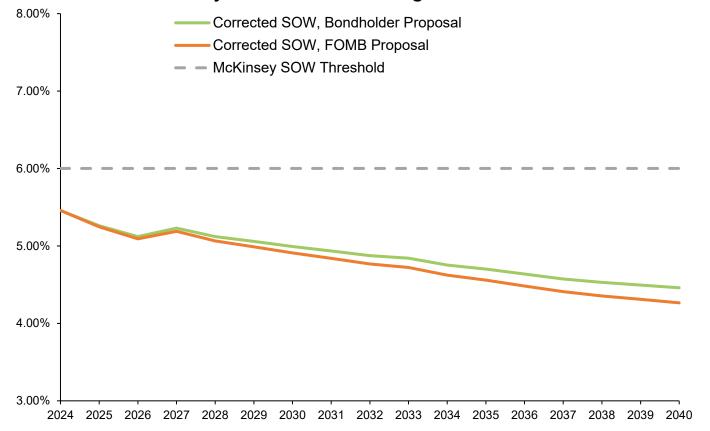
#### Note:

[1] Median Household Monthly Consumption for Full Population from 2021 Census Data is escalated from 2021 to 2024 using the growth in residential load per customer from the PREPA 2022 Fiscal Plan.

- [1] "4.17.9.16 20221206 SOW Risk Mediation.xlsx" received December 6, 2022.
- [2] U.S. Census Bureau, 2021 Puerto Rico Community Survey.
- [3] PREPA 2022 Fiscal Plan.

# The Corrected Forecasted SOW for the Median Household is Always Below Six Percent Under both FOMB's and Bondholders' Proposals

### **SOW Projection After Correcting for Errors 1 and 2**



- Correcting for McKinsey's Errors 1 and 2, SOW under both of the FOMB and Bondholders' Proposals are below the FOMB's 6% threshold from 2024 onwards.
  - The differences between the two proposals in terms of SOW ranges from 0% in 2024 to 0.19% in 2040.

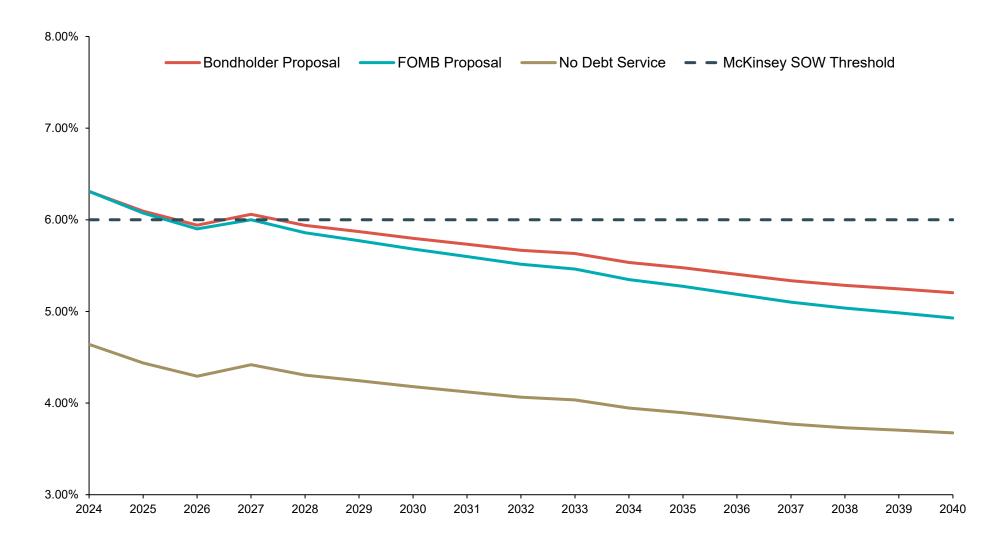
#### Note

- [1] Median Household Monthly Consumption for Full Population from 2021 Census Data is escalated from 2021 to 2024 using the growth in residential load per customer from the PREPA 2022 Fiscal Plan.
- [1] "4.17.9.16 20221206 SOW Risk Mediation.xlsx" received December 6, 2022.
- [2] U.S. Census Bureau, 2021 Puerto Rico Community Survey.
- [3] PREPA 2022 Fiscal Plan.

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# **Analysis Group Presentation on Share of Wallet Analysis**

### SOW Projection for the Unsubsidized Households in the 10-20k Income Cohort



# Total Subsidy Needed to Bring the SOW to 6% for the Median Unsubsidized Household Earning \$10k-\$20k Annual Income

	2024	2025	2026	2027	2028	2040
Under FOMB Proposal	\$11.4 M	\$2.8 M	\$0.0 M	\$0.0 M	\$0.0 M	 \$0.0 M
Under Bondholders Proposal	\$11.4 M	\$3.5 M	\$0.0 M	\$2.3 M	\$0.0 M	 \$0.0 M
Under No Debt Service Charge	\$0.0 M	\$0.0 M	\$0.0 M	\$0.0 M	\$0.0 M	 \$0.0 M
Incremental difference between FOMB and Bondholders Proposals	\$0.0 M	\$0.8 M	\$0.0 M	\$2.3 M	\$0.0 M	 \$0.0 M

#### Note:

The total subsidy under each proposal is calculated as the amount per year required to bring the median unsubsidized household with annual income between \$10k-\$20k to a 6% SOW, multiplied by the total number of unsubsidized households within the same income cohort.

#### Sources:

- [1] U.S. Census Bureau, 2021 Puerto Rico Community Survey.
- [2] PREPA 2022 Fiscal Plan.
- [3] Residential Customers\_vSHARED.xlsx

### Electricity Consumption Distribution of the Unsubsidized Group within the 10-20k Income Cohort

